

ABSTRACT

Disclosed is a voltage stabilizing circuit for a high-voltage/deflection separation type video display appliance. The voltage stabilizing circuit includes an SMPS transformer for receiving an electric power through its primary winding and deriving voltage in its secondary winding, a regulation compensating coil for inducing an electric power corresponding to the electric power from the secondary winding of the SMPS transformer, a PWM control circuit for receiving the electric power induced in the regulation compensating coil to output a PWM control signal corresponding to the received electric power, and a switching section for switching the input electric power inputted to primary winding of the SMPS transformer according to the PWM control signal from the PWM control circuit.